

A device according to the present invention may have a photoluminescence efficiency that is not substantially less than the photoluminescence efficiency of the emissive component of the emissive layer (e.g. the third component) in unblended form. That photoluminescence efficiency may suitably greater than 30%.

Brief Description of the Drawings

The present invention will now be described by way of example with reference to the accompanying drawings, in which:

figure 3 shows the chemical structures of some materials discussed below;

figure 4 is a band diagram for an electroluminescent device;

figure 5 is a graph plotting the efficiency of the device of figure 4 against voltage;

figure 6 is a band diagram for a second electroluminescent device;

figure 7 is a graph plotting the efficiency of the device of figure 6 against voltage;

figure 8 shows the emission spectrum of the device of figure 6;

figure 9 is a band diagram for a third electroluminescent device;

figure 10 is a graph plotting the efficiency of the device of figure 9 against voltage;

figure 11 shows the emission spectrum of the device of figure 9;

figure 12 is a band diagram for a fourth electroluminescent device;

figure 13 is a graph plotting the efficiency of the device of figure 12 against voltage;

figure 14 shows the emission spectrum of the device of figure 12;

figure 15 is a band diagram for a fifth electroluminescent device;

figure 16 is a graph plotting the efficiency of the device of figure 15 against voltage;

figure 17 is a graph plotting the efficiency of a sixth electroluminescent device against voltage;

figure 18 is a band diagram for the device of figure 17;

figure 19 is a graph plotting the efficiency of a seventh electroluminescent device against voltage;

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